

**From:** Martin Schwartz/R3/USEPA/US  
**Sent:** 4/12/2010 8:42:49 AM  
**To:** Angela McFadden/R3/USEPA/US@EPA; Amy Bergdale/R3/USEPA/US@EPA  
**CC:**  
**Subject:** Radiation Levels In Dimock Flow Back

FYI

The following info was copied verbatim from the water treatment plant Permit submitted last fall to the DEP. This was permit was on public display at the Tunkhannock Library and i photocopied the pages. You can see the radiation levels that were recorded in the samples of the flowback from several wells in Dimock, PA.

Permit for : PA0065293 Wyoming-Somerset Regional Water Resources Corporation- Lemon Township, Wyoming County  
Larry Mostoller- President

### **Ex. 6 - Personal Privacy**

Samples of wastewater and were included in the permit. They were taken in Dimock, PA on 8.24.08 at Lewis1 well and on 8.21.08 at Lewis2 and on 7.19.08 at Teel5 by Quantum Laboratories, Dickson City PA. Sample analysis found the following;

#### **Lewis1**

##### **Radioactivity**

Gross Alpha 223.3 pCi/L

Gross Beta 309.2 "

Radium 226 69.63 "

#### **Lewis2**

##### **Radioactivity**

Gross Alpha 159.9 pCi/L

Gross Beta 210.3 "

Radium 226 69.32 "

Radium 228 9.64 "

#### **Teel5**

##### **Radioactivity**

Gross Alpha 1348 pCi/L

Gross Beta 381.2 "

Radium 226 72.58 "

Radium 228 31.74 "

#### **Other analysis found;**

Aluminum, barium, boron, cobalt, iron, manganese, molybdenum, tin, titanium, antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, zinc. Ammonia nitrite, nitrate, phosphorus, chloride, oil and grease, chlorine, cyanide, fluoride.